

INTERNATIONAL SEARCH REPORT

PCT/NL 02/00221

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03B5/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 979 693 A (SAARI VEIKKO REYNOLD) 7 September 1976 (1976-09-07) abstract; figure 1 column 2, line 26 - line 32 column 3, line 3 - line 7 column 3, line 48 - line 56 column 3, line 63 - line 65 column 3, line 67 - column 4, line 2 column 4, line 11 - line 16 column 5, line 62 - column 6, line 2 figures 2,3	1-15
X	US 4 590 513 A (CRAFT JACK) 20 May 1986 (1986-05-20) abstract; figure column 4, line 2 - line 4	1-15

☒ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex

* Special categories of cited documents

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document relating to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but used to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

A document member of the same patent family

Date of the actual completion of the international search

12 November 2002

Date of mailing of the international search report

19/11/2002

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INTERNATIONAL SEARCH REPORT

PCT/NL 02/00221

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 322 969 A (PHILIPS NV) 5 July 1989 (1989-07-05) abstract; figures 1,2 ---	1-15
X	US 6 107 894 A (GIERKINK SANDER L J ET AL) 22 August 2000 (2000-08-22) abstract; figures 24,25 column 10, line 16 - line 33 ---	1-15
X	US 4 710 730 A (DOYLE III JOSEPH E) 1 December 1987 (1987-12-01) abstract; figure 1 column 3, line 57 - line 59; figure 1 column 4, line 13 - line 15 -----	1-5, 7-15

INTERNATIONAL SEARCH REPORT

PCT/NL 02/00221

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US 4590513	A	20-05-1986	JP 1679728 C 13-07-1992 JP 3047008 B 18-07-1991 JP 60093803 A 25-05-1985
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US 6107894	A	22-08-2000	EP 1018213 A2 12-07-2000 WO 9953609 A2 21-10-1999 JP 2002504236 T 05-02-2002
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